**Putting Robots to Work with Force & Friction Activity –
Force & Friction Quiz** **– Answers**

1. What does the word “force” mean?
	1. A push
	2. A push or pull
	3. A pull
2. ***Use the image below to complete the next question.*** Using the ruler displayed, what is the length of the car shown to the nearest centimeter?
	1. 6 centimeters b. 7 centimeters c. 9 centimeters



1. Which of the following objects requires more force to move?
	1. A marble
	2. An elephant
	3. A basketball
2. What does friction do to a moving object?
	1. Slows the object down
	2. Speeds the object up
	3. No effect
3. How do engineers use models and experiments to produce better machines?

**Engineers use models and experiments to test their predictions and make sure the machines work.**